

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 07151914  
PUBLICATION DATE : 16-06-95

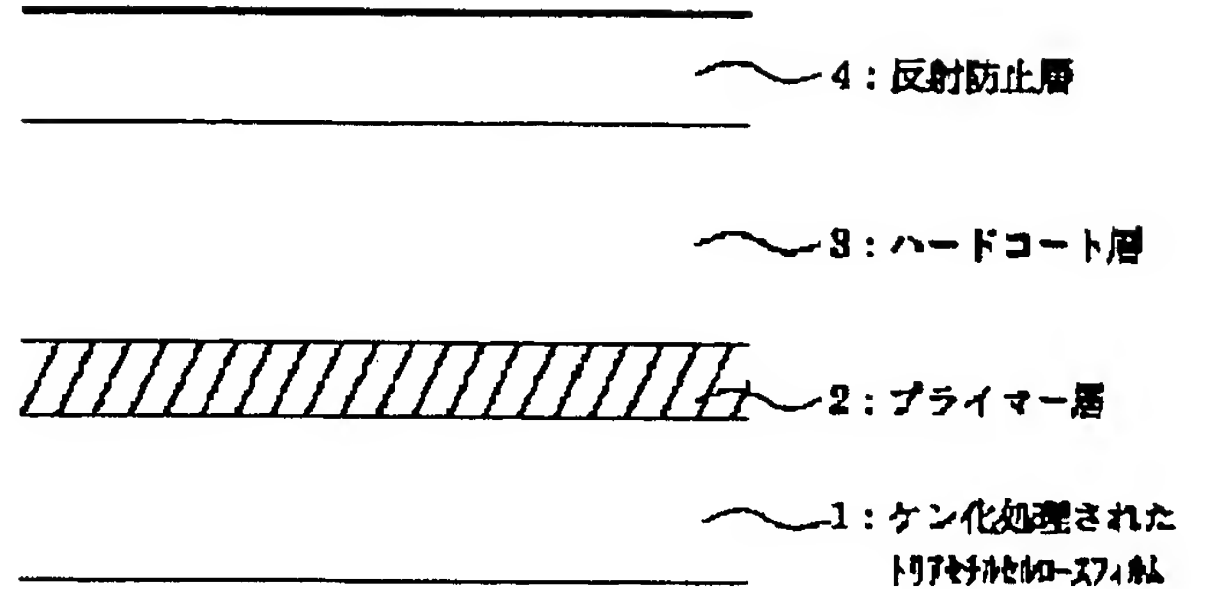
APPLICATION DATE : 26-11-93  
APPLICATION NUMBER : 05321173

APPLICANT : DAINIPPON PRINTING CO LTD;

INVENTOR : OKA MOTOHIRO;

INT.CL. : G02B 5/30 B05D 3/06 B05D 7/04  
B05D 7/24 C08J 7/04 G02B 1/10  
G02B 1/11 G02F 1/1335

TITLE : PLASTIC FILM HAVING SCRATCHING  
RESISTANCE AND CHEMICAL  
RESISTANCE, ITS PRODUCTION AND  
POLARIZING PLATE



ABSTRACT : PURPOSE: To obtain a plastic film itself having good adhesion property of a hard coating layer and having scratching resistance and chemical resistance, and to provide its production method and a polarizing plate using this film.

CONSTITUTION: A triacetylcellulose film is dipped in an alkali soln. for saponification and a primer layer 2 is formed on the obtd. saponified triacetylcellulose film 1. As for the primer to form the primer layer 2, such a material containing polyvinyl chloride, polyvinyl acetate, and isocyanate is used. Then an ionizing radiation-setting resin is applied on the primer layer 2 and cured to form a hard coating layer 3. Further, an antireflection layer 4 may be formed to obtain an antireflection film. The obtd. plastic film has strong adhesion of the hard coating layer so that no peeling is caused.

COPYRIGHT: (C)1995,JPO